

AMENDMENT AND PRESENTATION OF CLAIMS

Please replace all prior claims in the present application with the following claims, in which claims 9 through 11, and 32 have been cancelled without prejudice or disclaimer, claims 1 through 3, 5 through 8, 12, 27, 28, 30, 31, and 33 through 38 have been amended, and new claims 39 through 42 have been added.

1. (Currently Amended) An apparatus comprising:

at least one processor; and

at least one memory including computer program code,

the at least one memory and the computer program code configured to, with the at least one processor, cause the apparatus to perform at least the following,

cause, at least in part, actions that result in reception of an electronic program guide for identification of a program of interest;

cause, at least in part, actions that result in provision of selection options in said electronic program guide for a desired program scheduled to be available in the future;

create a notification of the program selected from said electronic program guide, said notification including at least one of a reminder flag and a recording flag;

cause, at least in part, actions that result in transmission of the notification of the program selected from said electronic program guide directly to at least one remote electronic program guide system of another apparatus prior to the selected program being available;

and

cause, at least in part, actions that result in transmission directly of an alert message indicating said program selected to an SMS server to be forwarded as an SMS to a mobile handset.

~~a first electronic program guide memory configured to be in communication with a first receiver, the memory configured to provide information regarding a broadcast program to be received by the first receiver;~~

~~a user input receiver configured to receive an input from a user selecting a desired program scheduled to be available in the future from the first receiver;~~

~~a transmitter configured to transmit a notification of the program selected directly to a second remote electronic program guide memory connected to a second receiver prior to the selected program being available, wherein said transmitter also is configured to transmit directly an alert message indicating said program selected to an SMS server to be forwarded as an SMS to a mobile handset.~~

2. (Currently Amended) The apparatus as claimed in claim 1, wherein the another apparatus is a mobile communication handset ~~said transmitter comprises a network modem.~~

3. (Currently Amended) The apparatus as claimed in claim 1, wherein the another apparatus is caused to filter to pass the notification when the apparatus is authorized to send the notification ~~said transmitter is in communication with a reception means located at the second electronic program guide memory and the reception means further comprises authorization means for determining if a notification received originated within an authorized remote electronic program guide system.~~

4. (Cancelled)

5. (Currently Amended) The apparatus as claimed in claim 1, wherein ~~said transmitter is arranged to transmit~~ said notification is transmitted as an electronic mail ~~to said second remote electronic program guide memory.~~

6. (Currently Amended) The apparatus as claimed in claim ~~[[1]]~~3, wherein the another apparatus is caused to:

if the notification is passed, the notification contains the recording flag, and the apparatus is authorized to register a recording instruction,

(1) register the recording instruction in a memory of the another apparatus that is stored with an electronic program guide thereby recording the program of interest;

(2) if the recording instruction conflicts with a previous recording instruction, convert either the previous recording instruction or the recording instruction into a reminder; and

if the notification is passed, the notification contains the recording flag, but the apparatus is not authorized to register a recording instruction, delay the registration of the recording instruction until the recording instruction is either confirmed or cancelled.

~~said notification includes information indicating the program selected from said first electronic program guide memory.~~

7. (Currently Amended) The apparatus as claimed in claim 1, wherein said notification includes the recording flag and recording parameters for the program selected ~~that is scheduled to be available in the future from the first receiver.~~

8. (Currently Amended) The apparatus as claimed in claim 3, wherein the another apparatus is caused to:

if the notification is passed, the notification contains the reminder flag, and the apparatus is authorized to register a reminder, register the reminder in the memory of the another apparatus thereby reminding a user of the another apparatus the program of interest; and if the notification is passed, the notification contains the reminder flag, and the apparatus is not authorized to register a reminder, delay the registration of the reminder until the reminder is either confirmed or cancelled.

~~said authorization means further are arranged to authorize recording of the program selected from said first electronic program guide if a notification received originated within an authorized remote electronic program guide memory.~~

9. - 11. (Cancelled)

12. (Currently Amended) ~~[[T he]]~~ The apparatus as claimed in claim 1, wherein the apparatus is further caused ~~said transmitter is arranged~~ to transmit ~~[[a]]~~ the notification of the program selected ~~from said first electronic program guide~~ to a plurality of remote electronic program guide systems.

13. (Previously Presented) The apparatus as claimed in claim 1, wherein said apparatus is incorporated in an integrated receiver decoder.

14. (Previously Presented) The apparatus as claimed in claim 1, wherein said apparatus is incorporated in a set-top box.

15. (Previously Presented) The apparatus as claimed in claim 1, wherein said apparatus is incorporated in a mobile handset.

16. (Previously Presented) The apparatus as claimed in claim 1, wherein said apparatus is incorporated in a television receiver.

17. (Previously Presented) The apparatus as claimed in claim 1, wherein said apparatus is incorporated in a mobile display appliance.

18. – 26. (Cancelled).

27. (Currently Amended) A non-transitory computer-readable storage medium, ~~comprising computer executable instructions that when executed perform the method of~~ carrying one or more sequences of one or more instructions which, when executed by one or more processors, cause an apparatus to at least perform the following steps:

cause, at least in part, actions that result in reception of an electronic program guide for identification of a program of interest;

causing, at least in part, actions that result in provision of selection options in said electronic program guide for a desired program scheduled to be available in the future;

creating a notification of the program selected from said electronic program guide, said notification including at least one of a reminder flag and a recording flag;

causing, at least in part, actions that result in transmission of the notification of the program selected from said electronic program guide directly to at least one remote electronic

program guide system of another apparatus prior to the selected program being available;
and

causing, at least in part, actions that result in transmission directly of an alert message
indicating said program selected to an SMS server to be forwarded as an SMS to a mobile
handset.

~~generating an electronic program guide comprising information regarding a broadcast~~
~~program to be received by a first receiver that is in communication with the electronic~~
~~program guide, wherein the electronic program guide allows the identification of a~~
~~program of interest;~~

~~providing selection options for a desired program scheduled to be available in the future from~~
~~said electronic program guide;~~

~~creating a notification of the program selected from said electronic program guide;~~

~~transmitting the notification of the program selected from said electronic program guide~~
~~directly to at least one remote electronic program guide memory that is in communication~~
~~with a second receiver prior to the selected program being available; and~~

~~transmitting directly an alert message indicating said program selected to an SMS server to be~~
~~forwarded as an SMS to a mobile handset.~~

28. (Currently Amended) A method comprising:

providing causing, at least in part, actions that result in reception at a first apparatus of an
electronic program guide for identification of a program of interest;

providing causing, at least in part, actions that result in provision at the first apparatus of
selection options in said electronic program guide for a desired program scheduled to be
available in the future ~~from said electronic program guide;~~

creating at the first apparatus a notification of the program selected from said electronic program guide, said notification including at least one of a reminder flag and a recording flag;

~~obtaining~~ causing, at least in part, actions that result in transmission of the notification of the program selected from said electronic program guide directly from the first apparatus to at least one remote electronic program guide system of a second apparatus prior to the selected program being available; and

~~obtaining~~ causing, at least in part, actions that result in transmission directly of an alert message indicating said program selected to an SMS server to be forwarded as an SMS to a mobile handset.

29. (Cancelled)

30 (Currently Amended) An apparatus comprising:

at least one processor; and

at least one memory including computer program code,

the at least one memory and the computer program code configured to, with the at least one processor, cause the apparatus to perform at least the following,

cause, at least in part, actions that result in reception of a notification of a program of interest in an electronic program guide from another apparatus;

filter to pass the notification, when the another apparatus is authorized to send the notification;

if the notification is passed, the notification contains a mobile alert flag, and the another apparatus is authorized to register a mobile alter, send an alert SMS message to a mobile phone;

if the notification is passed, the notification contains a recording flag, and the another apparatus is authorized to register a recording instruction,

(1) register the recording instruction in a memory of the apparatus that is stored with an electronic program guide thereby recording the program of interest;

(2) if the recording instruction conflicts with a previous recording instruction, convert either the previous recording instruction or the recording instruction into a reminder;

if the notification is passed, the notification contains a recording flag, and the another apparatus is not authorized to register a recording instruction, delay the registration of the recording instruction until the recording instruction is either confirmed or cancelled;

if the notification is passed, the notification contains a reminder flag, and the another apparatus is authorized to register a reminder, register the reminder in the memory of the apparatus thereby reminding a user of the apparatus the program of interest; and

if the notification is passed, the notification contains a reminder flag, and the another apparatus is not authorized to register a reminder, delay the registration of the reminder until the reminder is either confirmed or cancelled.

~~a receiver configured to receive at least one electronic program guide corresponding to a broadcast program at an electronic program guide memory;~~

~~a user input receiver configured to receive a user input selecting a desired program scheduled to be available in the future from the first receiver;~~

~~a transmitter configured to access a communications network and further being configured to transmit a notification of the program selected from said electronic program guide directly to at least one remote electronic program guide memory that is in communication with a second receiver prior to the selected program being available; and a receiver configured to receive a notification from a remote electronic program guide system via an SMS.~~

31. (Currently Amended) A non-transitory computer-readable storage medium comprising ~~computer-executable instructions that when executed perform the method comprising~~ carrying one or more sequences of one or more instructions which, when executed by one or more processors, cause an apparatus to at least perform the following steps:

causing, at least in part, actions that result in reception of a notification of a program of interest in an electronic program guide from another apparatus;

filtering to pass the notification when the another apparatus is authorized to send the notification;

if the notification is passed, the notification contains a mobile alert flag, and the another apparatus is authorized to register a mobile alter, sending an alert SMS message to a mobile phone;

if the notification is passed, the notification contains a recording flag, and the another apparatus is authorized to register a recording instruction,

(1) registering the recording instruction in a memory of the apparatus that is stored with an electronic program guide thereby recording the program of interest;

(2) if the recording instruction conflicts with a previous recording instruction, converting either the previous recording instruction or the recording instruction into a reminder;

if the notification is passed, the notification contains a recording flag, and the another apparatus is not authorized to register a recording instruction, delaying the registration of the recording instruction until the recording instruction is either confirmed or cancelled;

if the notification is passed, the notification contains a reminder flag, and the another apparatus is authorized to register a reminder, registering the reminder in the memory of the apparatus thereby reminding a user of the apparatus the program of interest; and

if the notification is passed, the notification contains a reminder flag, and the another apparatus is not authorized to register a reminder, delaying the registration of the reminder until the reminder is either confirmed or cancelled.

~~receiving a notification directly from a first receiver via SMS of a program scheduled to be available in the future selected from an electronic program guide in a remote first electronic program guide memory that is operatively connected to the first receiver, wherein the notification is received at a second electronic program guide memory that is operatively connected to a second receiver.~~

32. (Cancelled)

33. (Currently Amended) A non-transitory computer-readable storage medium ~~The computer-readable instructions as claimed in claim [[31]]27, further comprising~~ wherein the another apparatus is caused to perform:

filtering to pass the notification when the apparatus is authorized to send the notification
~~determining at the remote second remote electronic program guide system if a notification received originated within an authorized remote electronic program guide system.~~

34. (Currently Amended) A non-transitory computer-readable storage medium ~~The computer-readable instructions~~ as claimed in claim ~~[[31]]27~~, ~~further comprising~~ wherein the another apparatus is caused to perform:

receiving said notification as an electronic mail.

35. (Currently Amended) A non-transitory computer-readable storage medium ~~The computer-readable instructions~~ as claimed in claim 33, ~~further comprising~~ wherein the another apparatus is caused to further perform:

if the notification is passed, the notification contains the recording flag, and the apparatus is authorized to register a recording instruction,

(1) registering the recording instruction in a memory of the another apparatus that is stored with an electronic program guide thereby recording the program of interest;

(2) if the recording instruction conflicts with a previous recording instruction, converting either the previous recording instruction or the recording instruction into a reminder; and

if the notification is passed, the notification contains the recording flag, and the apparatus is not authorized to register a recording instruction, delaying the registration of the recording instruction until the recording instruction is either confirmed or cancelled.

~~authorizing recording of the program selected from said first electronic program guide if a notification received originated within an authorized remote electronic program guide system.~~

36. (Currently Amended) A non-transitory computer-readable storage medium The ~~computer-readable instructions~~ as claimed in claim ~~[[31]]~~35, ~~further comprising~~ wherein the another apparatus is caused to perform:

~~generating~~ sending the registered recording instruction[[s]] to a recording device associated with said electronic program guide system before the program starts ~~based on said notification.~~

37. (Currently Amended) A non-transitory computer-readable storage medium The ~~computer-readable instructions~~ as claimed in claim ~~[[36]]~~33, ~~further comprising the step of~~ wherein the another apparatus is caused to perform:

if the notification is passed, the notification contains the reminder flag, and the apparatus is authorized to register a reminder, registering the reminder in the memory of the another apparatus thereby reminding a user of the another apparatus the program of interest; and
if the notification is passed, the notification contains the reminder flag, and the apparatus is not authorized to register a reminder, delaying the registration of the reminder until the reminder is either confirmed or cancelled.

~~obtaining user acceptance of said notification before generating the recording instructions.~~

38. (Currently Amended) A non-transitory computer-readable storage medium The ~~computer-readable instructions~~ as claimed in claim ~~[[32]]~~27, ~~further comprising the step of~~ wherein the apparatus is caused to further perform:

transmitting ~~[[a]]~~ the notification of the program selected from said electronic program guide to a plurality of remote electronic program guide systems.

39. (New) A method of claim 28, wherein the second apparatus is incorporated a mobile communication handset.

40. (New) A method of claim 28, further comprising:

filtering at the second apparatus to pass the notification when the first apparatus is authorized to send the notification;

if the notification is passed, the notification contains the recording flag, and the first apparatus is authorized to register a recording instruction,

(1) registering the recording instruction in a memory of the second apparatus that is stored with an electronic program guide thereby recording the program of interest;

(2) if the recording instruction conflicts with a previous recording instruction, converting either the previous recording instruction or the recording instruction into a reminder; and

if the notification is passed, the notification contains the recording flag, and the first apparatus is not authorized to register a recording instruction, delaying the registration of the recording instruction until the recording instruction is either confirmed or cancelled.

41. (New) A method of claim 28, further comprising:

filtering at the second apparatus to pass the notification when the first apparatus is authorized to send the notification;

if the notification is passed, the notification contains the reminder flag, and the first apparatus is authorized to register a reminder, registering the reminder in the memory of the second apparatus thereby reminding a user of the second apparatus the program of interest; and

if the notification is passed, the notification contains the reminder flag, but the first apparatus is not authorized to register a reminder, delaying the registration of the reminder until the reminder is either confirmed or cancelled.

42. (New) A method comprising:

causing, at least in part, actions that result in reception at a first apparatus of a notification of a program of interest in an electronic program guide from a second apparatus;

filtering at the first apparatus to pass the notification when the second apparatus is authorized to send the notification;

if the notification is passed, the notification contains a mobile alert flag, and the second apparatus is authorized to register a mobile alert, sending an alert SMS message to a mobile phone;

if the notification is passed, the notification contains a recording flag, and the second apparatus is authorized to register a recording instruction,

(1) registering the recording instruction in a memory of the first apparatus that is stored with an electronic program guide thereby recording the program of interest;

(2) if the recording instruction conflicts with a previous recording instruction, converting either the previous recording instruction or the recording instruction into a reminder;

if the notification is passed, the notification contains a recording flag, and the second apparatus is not authorized to register a recording instruction, delaying the registration of the recording instruction until the recording instruction is either confirmed or cancelled;

if the notification is passed, the notification contains a reminder flag, and the second apparatus is authorized to register a reminder, registering the reminder in the memory of

the first apparatus thereby reminding a user of the first apparatus the program of interest;
and

if the notification is passed, the notification contains a reminder flag, and the second apparatus is not authorized to register a reminder, delaying the registration of the reminder until the reminder is either confirmed or cancelled.